



# Series "FLA-T"

## Temperature - integrated



Series F

Compatible adhesive & Operational temperature  
 CN: -20~+80°C  
 P-2: -20~+80°C

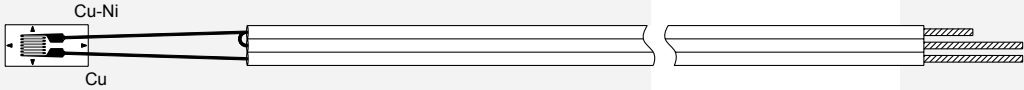
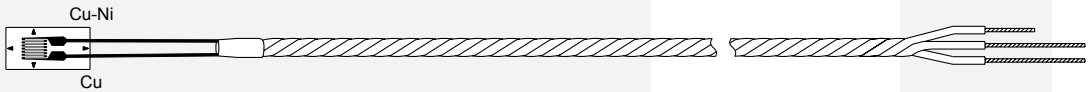
Operational temperature -20~+80°C

Series QF

Compatible adhesive & Operational temperature  
 NP-50: -20~+200°C  
 C-1: -20~+200°C    CN: -20~+120°C

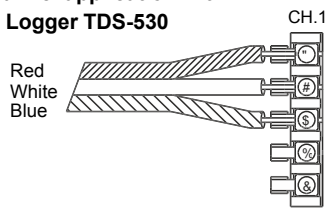
Operational temperature -20~+80°C

### THERMOCOUPLE USE

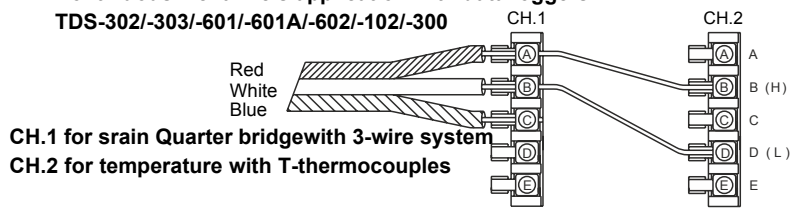
Gauge pattern	Leadwire pre-attached	Type	Gauge size		Backing		Resistance in Ω
			L	W	L	W	
<p>A T-type thermocouple is integrated with an ordinary strain gauge. The T-type thermocouple is composed of the Cu and the Cu-Ni wire which are used as a lead wire of the strain gauge. Both of strain measurement with quarter bridge 3-wire method and temperature measurement are possible when combined with our data loggers.</p> <p>•Single-element (G.F. 2.1 approx.)  <b>Series F</b>  <b>0.08mm: integral vinyl leadwire</b>  <b>Total leadwire resistance per meter : 0.44Ω</b></p>  <p><b>FLA-2T-11-3LT</b></p>							
	3-wire system	-3LT	FLA-1T-11		5.0	2.5	120
			-17				
			-23				
			1	1.3			
			2	1.5	6.5	3.0	120
			5	1.5	10.0	3.0	120
<p><b>Series QF</b>  <b>φ0.2mm fluorinated resin (FEP) sheathed leadwire of 3m Total leadwire resistance per meter : 1.05Ω</b></p>  <p><b>QFLA-2T-11-6FB-3LT</b></p>							
	3-wire system	-6FB-3LT	QFLA-1T-11		5.0	2.5	120
			-17				
			-23				
			1	3			
			2	1.5	6.5	3.0	120
			5	1.5	10.0	3.0	120

•Wiring method

**A: 1 channel application with Data Logger TDS-530**



**B: Continuous 2 channels application with data loggers TDS-302/-303/-601A/-602A/-602/-102/-300**



- For extension of leadwires, apply exclusive leadwires.
- Refer to operation manual for wiring method.

LEADERS IN SENSORS & HEAVY DUTY JOYSTICKS

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